

CHEMISTRY

Requirements

Students not taking a first or second major in chemistry may earn a Minor in Chemistry by successfully completing the sequence of courses listed below. The student desiring this minor must request the approval of the Department Head and file the appropriate form with the registrar. This form is available on the Department of Chemistry webpage.

The requirements for an minor in chemistry for students with a first or second major in biology or chemical engineering are different from those majoring in other disciplines.

Minor in Chemistry for Most Students

Code	Title	Hours
CHEM 113	General Chemistry II	3
CHEM 113L	General Chemistry II Laboratory	1
CHEM 115	General Chemistry III	3
CHEM 115L	General Chemistry III Laboratory	1
CHEM 225	Analytical Chemistry	3
CHEM 225L	Analytical Chemistry Laboratory	1
CHEM 251	Organic Chemistry I	3
CHEM 251L	Organic Chemistry I Laboratory	1
CHEM 252	Organic Chemistry II	3
CHEM 252L	Organic Chemistry II Laboratory	1
Select four credits of the following approved Chemistry Electives: ¹		4
CHEM 253	Organic Chemistry III	
CHEM 290	Chemical Research (up to two credit hours)	
CHEM 270	Special Topics in Chemistry (up to a total of 4 credit hours)	
CHEM 276	Special Topics in Chemistry with Laboratory (up to a total of 4 credit hours)	
Any 300 or 400 level chemistry courses		
Total Hours		24

¹ Approved list of chemistry electives include CHEM 253, CHEM 290 (up to two credit hours), up to a total of 4 credit hours of CHEM270 and CHEM276, or any 300 or 400 level chemistry courses.

Minor in Chemistry for Chemical Engineering and Biology Majors

Code	Title	Hours
CHEM 225	Analytical Chemistry	3
CHEM 225L	Analytical Chemistry Laboratory	1
CHEM 253	Organic Chemistry III	3
Chemistry Electives ²		12
CHEM 253L	Organic Chemistry III Laboratory	1
Total Hours		20

² The electives cannot count toward the student's major. Students who have taken CHE 303 Chemical Engineering Thermodynamics, CHE 304 Multi-Component Thermodynamics and CHEM 360 Introduction to Physical Chemistry for Engineers cannot count CHEM 361 Physical Chemistry I or CHEM 362 Physical Chemistry II toward the minor. No

more than 2 credits of CHEM 290 Chemical Research can count toward the minor, and no more than 4 credit hours total of CHEM 270 Special Topics in Chemistry and CHEM 276 Special Topics in Chemistry with Laboratory.